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**INDUSTRY STANDARD OF THE
PEOPLE'S REPUBLIC OF CHINA**

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**Technical specification for application and issuance of
pollutant permit boiler**

排污许可证申请与核发技术规范 锅炉

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Foreword

To implement the Law of the People's Republic of China on Environmental Protection, the Law of the People's Republic of China on Prevention and Control of Atmospheric Pollution Laws and Regulations of the People's Republic of China on Water Pollution Prevention and Control, and the General Office of the State Council on Printing and Distributing Control of Pollutant Discharge Permits Notice of the Scheme (Guo Ban Fa [2016] No. 81) and the Measures for the Management of Pollution Discharge Permits (Trial) (Ministry of Environmental Protection) Order No. 48), improve the technical support system for pollutant discharge permit, guide and standardize the application and nuclear discharge permit for boiler blowdown units Work to develop this standard.

This standard stipulates the requirements for the basic conditions of the application and issuance of the pollutant discharge permit for boiler discharge units, and the permitted emission limits.

Determination, actual emissions accounting, compliance determination methods, and self-monitoring, environmental management ledger and discharge permit execution report in response to environmental management requirements, feasible technical requirements for boiler pollution prevention and control were put forward.

Appendix A, Appendix B, Appendix C, Appendix D, Appendix E, and Appendix F of this standard are informative annexes.

This standard is the first release.

This standard was formulated by the Ministry of Ecology and Environment.

This standard is mainly drafted by. Zhejiang University, Environmental Protection Institute of the Ministry of Environmental Protection, China Academy of Environmental Sciences, Beijing City Labor Protection Science Research Institute, Beijing Municipal Environmental Protection Science Research Institute, Tianjin Environmental Protection Science Research Institute.

This standard is approved by the Ministry of Ecology and Environment on July 31, 2018.

This standard has been implemented since July 31, 2018.

This standard is explained by the Ministry of Ecology and Environment.

Sewage permit application and issuance technical specification boiler

1 Scope of application

This standard stipulates the requirements for the basic conditions of the application and issuance of the pollutant discharge permit for boiler discharge units, and the permitted emission limits.

Value determination, actual emissions accounting, compliance determination methods, and self-monitoring, environmental management ledger and sewage permit Environmental management requirements such as reporting, and put forward technical requirements for boiler pollution prevention and control.

This standard is applicable to the boiler discharge unit of GB 13271 to report the "Sewage Permit Application Form" and discharge in the country.

The license management information platform fills in relevant application information and is applicable to guide the issuing authority to review and determine the pollutant discharge from the boiler discharge unit.

License licensing requirements. For boilers that implement GB 13223 (single output of 65t/h or more is only used for heating and does not generate electricity) Boiler), refer to the thermal power industry emission permit application and the issuance of technical specifications.

This standard is applicable to the discharge permit management of atmospheric pollutants and water pollutants discharged from boiler discharge units.

Boiler discharges that are not specified in this standard but emit industrial waste water, waste gas or toxic and harmful pollutants specified by the state.

For other sewage production facilities and discharge outlets of the unit, refer to the General Rules for Application and Issuance of Pollution Discharge Permits (HJ 942) carried out.

2 Normative references

The contents of this standard refer to the following documents or their terms. Valid versions of undated references Applicable to this standard.

GB 8978 Integrated Wastewater Discharge Standard GB 13223 Thermal Power Plant Emission Standards for Thermal Power Plants GB 13271 Boiler Air Pollutant Emission Standard GB 16297 Integrated emission standards for atmospheric pollutants GB 18597 Hazardous Waste Storage Pollution Control Standard GB 18599 General industrial solid waste storage and disposal site pollution control standards GB/T 16157 Determination of particulate matter in fixed pollution source exhaust gas and sampling method of gaseous pollutants HJ/T 55 Technical Guidelines for the Monitoring of Unorganized Emissions of Air Pollutants HJ 75 Fixed Pollution Source Flue Gas (SO₂, NO_x, Particulate Matter) Emissions Continuous Monitoring Technical Specification HJ/T 91 Surface Water and Wastewater Monitoring Technical Specifications HJ/T 397 Fixed Source Exhaust Gas Monitoring Technical Specification HJ 608 sewage unit coding rules HJ 820 sewage unit self-monitoring technical guide thermal power generation and boiler HJ 942 General Regulations for the Application and Issuance of Pollution Discharge Permits HJ 944 Sewage Disposal Unit Environmental Management Account and Emission Permit Execution Report Technical Specifications General (Trial) "List of classified management of fixed pollution source discharge permits" Technical Requirements for Standardized Remediation of Sewage Discharges (Trial) (National Environmental Protection Bureau Environmental Supervision [1996] No. 470) Measures for the Administration of Hazardous Waste Transfer Joint Orders (State Environmental Protection Administration Order No. 5) Announcement on the Implementation of Special Emission Limits for Air Pollutants (Notified by the Ministry of Environmental Protection, No. 14 of 2013) National Directory of Hazardous Wastes (Order No. 39 of the Ministry of Environmental Protection) Measures for the Management of Pollution Discharge Permits (Trial) (Order No. 48 of the Ministry of Environmental Protection) "Notice on the Issuance of the Catalogue of Highly Contaminated Fuels" (National Environmental Regulations [2017] No. 2) Reply to the Relevant Issues Concerning the Implementation of Special Emission Limits for Air Pollutants (Environmental Office Letter [2016] No. 1087) Announcement on the Implementation of Special Emission Limits of Air Pollutants in the Beijing-Tianjin-Hebei Air Pollution Transmission Channel City (Environmental Protection) Ministry Announcement No. 9 of 2018) "13th Five-Year Plan" Ecological Environmental Protection Plan (Guo Fa [2016] No. 65)

3 Terms and definitions

The following terms and definitions apply to this standard.

3.1 Boiler pollutant emission unit boiler pollutant emission unit

Refers to the sewage disposal unit that contains the boiler production facilities, including enterprises specializing in thermal production and supply, and meets this unit.

Enterprises and institutions and other producers and operators who need to produce or live.

3.2 Permitted emission limits

Refers to the maximum emission concentration and discharge of pollutants allowed by the discharge unit specified in the discharge permit.

3.3 Benchmark gas volume benchmarkmark gas volume

Refers to the amount of dry flue gas (standard state) generated after the unit fuel and air are completely burned under the reference oxygen content.

3.4 Special period special periods

Refers to the environmental quality deadlines compliance plan or other relevant environmental management documents formulated by the local people's government according to law.

The pollutant discharge of the pollution unit has special requirements, including the heavy pollution weather response period and the winter defense period.

4.1 General principles

The boiler discharge unit shall report the sewage discharge in the national sewage discharge permit management information platform declaration system in accordance with the requirements of this standard.

The corresponding information sheet in the License Application Form. Single output of 10 tons/hour (7 MW) and total output of 20 tons/small Gas fuel boiler blowdown units below (14 MW) only need to report basic information, pollutant discharge implementation standards, and for the contents of the monitoring requirements, please refer to Appendix A for the contents of the application for the discharge permit. Fill in the place not included in the system If the competent department of eco-environment has a requirement to fill in the report or the pollutant discharge unit considers it necessary to fill in the report, it may add the content by itself.